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BARROWFORD

URBAN DISTRICT COUNCIL.

Annual Reports

OF THE

Medical Officer of Health,

Surveyor,

AND

Sanitary Inspector,

For the year ended 31st December, 1925.

BUTTALLA CO. LIMITED
PRINCIPAL SUPPLIES

Barrowford
Urban District Council

Annual Report

of the

Medical Officer of Health

For the year ended 31st December, 1925.

Barrowford Urban District Council.

PUBLIC HEALTH STAFF.

Medical Officer of Health:
R. G. MARKHAM, M.B., D.P.H.

Surveyor and Sanitary Inspector:
THOS. C. SLACK, M.R.S.I., M.I.M. & C.E.

Part-time Officers from the Nelson Public Health Department:
J. W. Ingham, c.r.s.i. (Meat Inspector's Certificate)
and
S. Grindrod, c.r.s.i.

MINISTRY OF HEALTH LIBRARY

PUBLIC HEALTH OFFICE,
NELSON,
1*st May*, 1926.

TO THE CHAIRMAN AND MEMBERS OF THE BARROWFORD URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have pleasure in presenting to you a Report on the Health and Sanitary Conditions of the Urban District of Barrowford during the year 1925. As my appointment under your Council only dates from the second quarter of the year, I can only formulate my report on the figures and facts that have been available since my appointment.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	1387
Population ... Census 1921 : 5626 ; Estimated 1925 :	5557
Number of inhabited houses .....Census 1921 :	1520
Number of families or separate occupiers ,, ,,	1546
Rateable Value	£31000
Sum represented by a penny rate	£129 gross

Social conditions, including the chief occupations of the inhabitants :—Mainly a working class population, the chief occupation being cotton weaving and the various trades allied therewith. Influence of any particular occupation on public health : nil.

Poor Law Relief.—This is not excessive in normal times. There have not been any causes of sickness or invalidity in the area which have been specially noteworthy during the period under review.

VITAL STATISTICS.

	Total.	Males.	Females.
Births in 1925	67	30	37
Death in 1925	74	39	35

Mean of Ten years,	Birth-rate.	Death-rate.	Death-rate from Tuberculosis of Respiratory System.	Rate of deaths under 1 year to 1,000 births.
1915-1925	14.5	13.1	0.63	88
Mean of Five years.				
1895-1899	27.1	15.7	0.65	156
1900-1904	24.4	12.8	0.82	132
1905-1909	22.6	12.6	0.50	138
1910-1914	19.9	12.9	0.84	121
1915-1919	12.3	12.7	0.68	67
1920-1924	16.8	13.5	0.59	110
1924	11.1	16.1	0.70	126
1925	12.0	13.3	1.07	59
Increase or Decrease in 1925 on :—				
Mean of Five years.				
1920-1925	−4.8	−0.2	+0.48	−51
Ten Years' Average	−2.5	+0.2	+0.44	−27
Previous Year's	+0.9	−2.8	+0.37	−67

Deaths.

	Males.	Females.	Total
Deaths allocated to District	39	35	74
Causes of Death :—			
Influenza	—	2	2
Encephalitis Lethargica	—	1	1
Tuberculosis of Respiratory System	4	2	6
Other Tubercular Diseases	1	—	1
Cancer, Malignant Disease	2	2	4
Diabetes	—	1	1
Cerebral Hæmorrhage	2	4	6
Heart Disease	7	4	11
Arterio-sclerosis	4	2	6
Bronchitis	3	3	6
Pneumonia (all forms)	3	2	5
Nephritis	—	2	2
Accident or Disease of Pregnancy and Parturition	—	1	1
Congenital Debility and Malformation, Premature Birth	1	2	3
Suicide	2	—	2
Other Deaths from Violence	1	—	1
Other Defined Diseases	9	7	16

The following tables give the percentage of the total deaths in various age groups and also the percentage of the deaths per month during the year :—

	Males.	Females.	Total.
Under 1 year	5.4%	6.2%	5.8%
1 to 5 years	0.0%	0.0%	0.0%
5 to 10 years	0.0%	0.0%	0.0%
10 to 15 years	0.0%	0.0%	0.0%
15 to 20 years	2.7%	0.0%	1.4%
20 to 30 years	2.7%	0.0%	1.4%
30 to 40 years	10.8%	3.1%	7.2%
40 to 50 years	18.9%	9.4%	14.5%
50 to 60 years	8.1%	18.7%	13.0%
60 to 70 years	21.6%	12.5%	17.5%
70 to 80 years	29.8%	34.4%	32.0%
80 to 90 years	0.0%	15.7%	7.2%

January	10.1%
February	8.6%
March	4.4%
April	7.3%
May	10.1%
June	14.5%
July	4.4%
August	4.4%
September	5.8%
October	11.6%
November	13.0%
December	5.8%

4 deaths of infants under 1 year have occurred during the year, which gives an Infantile Mortality Rate of 59 per 1,000 births. This is a decrease in the Infantile Mortality Rate compared with that of 1924 of 67 per 1,000 births.

The ages at which death occurred were :—1 day, 8 days, 2 months and 6 months, 2 deaths being attributable to Prematurity and 2 to Congenital Defects.

No deaths have occurred from any of the seven principal Zymotic Diseases, the Zymotic death Rate therefore being Nil.

6 deaths have occurred from Tuberculosis of the Respiratory System, giving a Phthisis Death Rate of 1.26 per 1,000 of population. The death rate from other tubercular diseases is 0.18, one death only having occurred.

A table is annexed from which a comparison of the figures appertaining to your area can be made with the figures as supplied for the country.

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR, 1925.

(Provisional figures. The Rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for the towns have been calculated on populations estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	Birth Rate per 1,000 Total Population.	Annual Death Rate per 1,000 Population.									Rate per 1,000 Births		Percentage of Total Deaths.		
		All Causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhœa and Enteritis (under 2 years)	Total Deaths under 1 year	Causes of Death certified by Registered Medical Practitioners.	Inquest Cases	Uncertified Causes of Death
England & Wales	18.3	12.2	0.01	0.00	0.13	0.03	0.15	0·07	0.32	0.47	8.4	75	92.1	6.9	1.0
105 County Boroughs and Great Towns including London	18.8	12.2	0.01	0.00	0.17	0.03	0.18	0.09	0.30	0.43	10.8	79	92.1	7.3	0.6
157 Smaller Towns (1921 Adjusted Populations 20,000–50,000)	18.3	11.2	0.01	0.00	0.15	0.02	0.14	0.06	0.31	0.38	7.6	74	93.0	5.9	1.1
London	18.0	11.7	0.01	0.00	0.8	0.02	0.19	0.11	0.23	0.46	10.6	67	91.1	8.9	0.0
Barrowford	12.0	13.3	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.54	0.00	59	93.3	5.3	1.4
Nelson	11.8	11.9	0.00	0.00	0.15	0.05	0.20	0.05	0.22	0.25	4.2	78	94.5	4.5	1.0

2.—GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

For Smallpox, by arrangement with the Nelson Corporation.

For other Infectious Diseases, only Scarlet Fever cases are provided for, this being by arrangement with the Nelson Corporation. No retaining fee is paid in connection with either of the above.

Union Infirmary: Primrose Bank, Briercliffe Road, Burnley.

There is no hospital accommodation in your area for (a) Tuberculosis, (b) Maternity cases, (c) children, nor have any of the following been provided: institutional provision for unmarried mothers, illegitimate infants, homeless children, day nursery, school clinic.

A Maternity and Child Welfare Centre has been established by the County Council and is open on Thursday afternoons from 2-0 p.m.

Tubercular patients can attend the Dispensary provided by the County Council in Nelson, and the Venereal Diseases Treatment Centre for the area is at the Victoria Hospital, Burnley.

No ambulance is provided by your Authority, but the area is served both as regards Infectious and Non-infectious or accident cases by the Nelson Corporation.

No arrangements are made in the district for Professional Nursing in the home for (a) General Nursing, (b) Infectious Diseases, e.g., Measles, &c.

There is District Nursing Association at Nelson, and arrangements are made whereby the services of the nurses are available when necessary in Barrowford. The Association does not undertake midwifery cases or monthly nursing.

No local scheme has been prepared in regard to the supply of food and milk for expectant and nursing mothers and of milk for infants.

There is no midwife employed by or assisted by the Local Authority. At the 31st December, 1925, there were no midwives on the County Council Register for your area.

Legislation in force :—

Adoptive Acts :	Infectious Diseases (Notification) Act,	from 25th May, 1893.
	Infectious Diseases (Prevention) Act, 1890,	from 8th June, 1893.
	Public Health Act Amendment Act, 1890,	from 8th June, 1893.
Byelaws :	New Streets and Buildings,	from 7th February, 1925.
	Nuisances Slaughterhouses Offensive Trades Common Lodging Houses	from 18th July, 1894.

3.—SANITARY CONDITIONS OF THE AREA.

Water Supply.

This is provided by the Nelson Corporation. All the houses in the area are provided with a direct supply. There was no curtailment of supply during 1925.

Rivers and Streams.

The provisions of the Rivers Pollution Acts are administered by the Ribble Joint Committee.

Drainage and Sewerage.

The sewage is treated at your own sewage disposal works, being subject to Biological treatment. From all districts there is a natural fall to the works and no area is without a proper drainage system.

Drain testing, flushing, &c., are carried out by your own sanitary staff when necessary.

Closet Accommodation and Scavenging.

Practically the whole of the closets in the area are water closets of either the fresh or waste water type. Such privy middens or pail closets as exist are in connection with farm

premises. There has only been one conversion of a waste water to a fresh water closet during the year.

Scavenging is carried out by direct labour employed by the Local Authority and under the supervision of your Surveyor. Ashpit refuse is conveyed by horse vehicles to a tip situate well away from habitations. The privy middens are emptied by day, excreta, &c., being tipped on the land in connection with the farms at which the middens exist.

Sanitary Inspection.

In all 333 premises have been visited by your Sanitary Inspector during the year. 84 defects or nuisances were discovered, and 68 notices (54 preliminary and 14 Statutory) were served in connection therewith. No legal proceedings were necessary.

Smoke Nuisance.

No special action has been taken with regard to smoke abatement. 3 observations have been taken, of which one showed that the time limit of 10 minutes per hour was exceeded. No legal proceedings have been instituted.

Offensive Trades.

There is only one offensive trade registered in your area. The business carried on is tripe boiling. No action has been found necessary in regard thereto during the year.

Workshops and Workplaces.

The condition of the various workshops in the district can be regarded as satisfactory.

Common Lodging Houses and Houses Let in Lodgings.

There are none in your area.

4.—HOUSING.

General Housing Conditions.

In the aggregate the housing conditions in the area are mainly good. It must be borne in mind, however, that a fair amount of old property exists and also there are a number of houses of the back to back type in the area.

I am informed that as a result of advertising re the need of

housing accommodation, the response thereto did not show any evidence of house shortage, and consequently no action has been taken.

There is no information which shows any important changes in population during the period under review or anticipated in the future.

OVERCROWDING.

No cases of overcrowding have been reported or dealt with during the year.

FITNESS OF HOUSES.

The general character of defects found to exist in unfit houses consist of defects which can be attributed to the withholding of minor repairs. Where defects are found, preliminary notices are first sent to the persons responsible, and if this fails to have the defect remedied Legal Notices are then served. These latter notices are sent under the Public Health or Housing Acts, according to which is the most applicable. There has not been reported to me any instance in which difficulty has been experienced in having such defects remedied as have been dealt with during the year.

No special methods have been taken or suggested as regards

(a) Action to secure improved management of property by owners,

(b) Better care of property by tenants,

(c) The carrying out of repairs according to agreed arrangements,

(d) Any special method of dealing with unfit back-to-back houses or other types of insanitary property.

CONDITIONS SO FAR AS THEY AFFECT HOUSING AS REGARDS :—

(a) Water Supply. Satisfactory.

(b) Closet accommodation. Though the majority of the closets in connection with the houses are water closets, approximately 79% of these are of the waste water type. This condition is not, therefore, entirely satisfactory.

(c) Refuse Disposal. So far as it concerns removal from the houses, this work, being undertaken by the Saintary Authority, can be regared as satisfactory.

There have been no special measures taken during 1925 as regards any of the above (a), (b) or (c).

UNHEALTHY AREAS.

No complaints have been received, or representations made, as regards Unhealthy Areas.

HOUSING STATISTICS FOR THE YEAR 1925.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b) 14

(b) With State assistance under the Housing Acts :—

(i) By the Local Authority ..... —

(ii) By other bodies or persons..... 8

Number of houses in course of erection under Council's Building Scheme..... —

Financial assistance for purposes of increasing housing accommodation. Advances made during 1925 :—

(a) By loans...None. Number...Nil. Amount of loans...Nil.

(b) By subsidy...Yes. Number...8. Amount of subsidies...£600

Unfit Dwelling-houses. Inspection :—

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 89

(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 21

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..... Nil

(4) Number of dwelling-houses (exclusive of those referred to under (3) found not to be in all respects reasonably fit for human habitation..... 50

Remedy of defects without service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers..... Nil

Action under Statutory Powers :—

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs..... 16

(2) Number of dwelling-houses which were rendered fit :—
(a) By owners 16
(b) By Local Authority in default of owners..... Nil

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close..... Nil

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 34

(2) Number of dwelling-houses in which defects were remedied :—
(a) By owners 31
(b) By Local Authority in default of owners..... Nil

C.—Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925 :—

(1) Number of representations made with a view to the making of Closing Orders ..... Nil

(2) Number of dwelling-houses in respect of which Closing Orders were made ..... Nil

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit..... Nil

(4) Number of dwelling-houses in respect of which Demolition Orders were made ..... Nil

(5) Number of Dwelling-houses demolished in pursuance of Demolition Orders..... Nil

D.—Number of houses demolished voluntarily by owners or converted to workshops. &c. ..... Nil

5.—INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

The quality of the milk produced within, or brought into, the district is on the whole satisfactory. A number of the milk retailers in your district also retail milk in Nelson, where periodic qualitative analysis is undertaken, and no reports have been received that the milk supplied has not been genuine.

The surrounding district being devoted to dairy farming, arrangements for the supply and distribution of the milk is adequate.

There has been no breach of the Milk and Dairies (Consolidation) Act, 1915, the Milk and Dairies (Amendment) Act, 1922, or the Dairies, Cowsheds and Milkshops Orders brought to my notice.

No action has been taken or licenses issued under the Milk (Special Designation) Order, 1923.

Dairies, Cowsheds and Milkshops.

These are subject to periodic inspection by your Sanitary Inspector. The condition of the Cowsheds in the aggregate can only be classed as fair. Regulations were made under the Order of the Local Government Board and came into operation on the 1st July, 1921, but these are only partially enforced.

No arrangements have been made by your Council for the veterinary inspection of dairy cows, and no samples of milk have been obtained for bacteriological examination. The administration of the Tuberculosis Order, 1925, is undertaken by the County Police Authorities.

Meat.

Inspection of the meat is carried out at the Slaughter-houses at the time of slaughtering. By arrangement between your Authority and the Nelson Town Council for assistance in sanitary inspection, it has been agreed that this work should be undertaken by the Meat Inspectors from Nelson. Both periodic and special visits are paid by them to the slaughter-houses in your area. No application has been received for the

marking of meat. There are no stalls from which meat is sold, and the shops in the area are constructed so as to comply with the Public Health (Meat) Regulations, 1924.

Statement of Slaughter-houses :—

	In 1920.	In January, 1925.	In December, 1925.
No. registered	—	—	—
No. licensed ...	4	5	5

OTHER FOODS.

Bakehouses and other premises where food is prepared are subject to periodic inspection.

There has been no food condemned, nor has any been surrendered during 1925 as unfit for human consumption.

The various Food and Drugs Acts are administered by the County Police Authorities.

Mr. Superintendent Cleal kindly informs me that during 1925, 7 samples of milk were purchased in your area and sent for analysis. In each case the sample was genuine.

14 informal samples analysed at the Public Health Laboratory, Nelson, and purchased from retailers who also deliver milk in your area, were found to be genuine.

6.—INFECTIOUS DISEASE.

I must congratulate your Authority on the exceedingly low number of notifications of infectious disease that have been received during the year. 8 notifications were received, these comprising 1 case of Erysipelas, 4 cases of Pulmonary Tuberculosis, and 3 cases of Pneumonia. 13 deaths have occurred from notifiable diseases, there having been 5 deaths from Pneumonia, 1 from Encephalitis Lethargica, 6 from Tuberculosis and 1 from Non-Pulmonary Tuberculosis.

During the year 4 houses have been disinfected, this being done by means of Formaldehyde gas.

The following tables are relative to the cases of Infectious Diseases notified.

Disease	Total cases notified													Hospital		Total Deaths
	Total Cases at all ages	Years of age												Total Cases removed to Hospital	Deaths in Hospital of persons belonging to District	
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over			
Acute Primary and Acute Influenzal Pneumonia	3	...	...	...	...	...	...	...	1	...	...	2	...	...	...	5
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas.....	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Pulmonary Tuberculosis.....	4	...	...	...	...	...	...	...	...	...	1	3	...	...	...	6
Other forms of Tuberculosis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1925.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	...	...	...	...	...	...	...	...
1 to 5 years	...	...	...	...	...	...	...	...
5 to 10 years	...	...	...	...	...	...	...	...
10 to 15 years ...	...	...	...	...	...	...	...	...
15 to 20 years ...	...	...	...	...	...	...	...	...
20 to 25 years ...	...	...	...	...	...	...	...	...
25 to 35 years ...	...	...	...	...	1	...	...	...
35 to 45 years ...	1	...	...	...	1	...	1	...
45 to 55 years ...	1	2	...	...	1	2	...	...
55 to 65 years ...	...	...	...	...	1	...	...	...
65 and upwards	...	...	...	...	...	...	...	...
Totals	2	2	...	...	4	2	1	...
	4		Nil		6		1	

The ratio of non-notified tubercuosis deaths to total tuberculosis deaths is 1 to 6. It is found that the notification of tuberculosis is efficient so far as local cases occur, the cases in which notification has not been made being invariably where the patient has died in an institution.

No evidence is available that there is any excessive incidence of, or mortality from tuberculosis in any particular occupation in the district.

No action has been necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, relating to tuberculous employees in the milk trade, nor have any applications been made under the Public Health Act, 1925, for compulsory removal to hospital.

I remain, Gentlemen,

Your obedient servant,

R. G. MARKHAM, M.B., D.P.H.,
Medical Officer of Health.

Barrowford Urban District Council.

Annual Report

of the

Sanitary Inspector

For the year ended 31st December, 1925.

To the Chairman and Members of the Barrowford Urban District Council.

Gentlemen,

I have pleasure in presenting to you my Annual Report of the Sanitary work dealt with during the year 1925.

Sanitary Inspection of District.

Periodical inspections have been made during the year for the detection and suppression of nuisances.

Fourteen legal notices and fifty-four preliminary notices were served for various infringements.

The following is a summary of the work carried out:

No. of visits to Dwelling-houses	89
No. of inspections of Dwellings	21
No. of inspections of Offensive Trades	2
No. of inspections of Stables	31
No. of inspections of Factories	68
No. of inspections of Workshops & Workplaces	65
No. of inspections of Dairies	39
No. of inspections of Slaughter-houses	18
No. of Waste-water Closets Repaired or Cleansed	14
No. of Drains Repaired or Cleansed	16
No. of Ashpits Repaired	9
No. of Floors Repaired	4
No. of Roofs Repaired	8
No. of Walls Repaired	2
No. of Accumulations of Manure Removed	3
No. of Nuisances from Animals	1
Miscellaneous	27
New Water Closets provided	23
New Privy Pails provided	1
New Ashbins provided	26
Waste-water Closet converted to Water Closet	1

Smoke Observations.

No. of Smoke Observations taken during the year	3
No. of Chimneys concerned	3
Time limit per hour	10 minutes
No. of times the limit has been exceeded	1
Legal Proceedings	Nil

Schools.

There are three schools in the district and their sanitary condition is satisfactory.

Housing.

The general standard of housing in the district is good. The nuisances and defects found are generally of a minor character, structural and dampness, and the defects are due both to improper management and supervision by owners, and acts of neglect by tenants.

Housing (Inspection of Districts) Regulations, 1910.

No. of Houses Inspected	21
No. of Closing Orders	0
No. of Houses in which Defects were remedied	16
No. of Legal Notices under Section 3 of Housing Act, 1925	12

Proceedings under the Public Health Acts.

No. of Dwelling-houses in respect of which notices were served	34
No. of Dwelling-houses in which defects were remedied after service of formal notices:	
By owners	31
By Local Authority in default of owners	Nil

No. of Houses Erected during the year.

Total number of Houses completed	14
Number of Houses erected by Local Authority	Nil
No. of Houses erected by other bodies or persons and in respect of which a Subsidy of £75 per house has been paid under the Housing, &c., Act, 1923	8

Slaughter-houses.

No. of Licensed Slaughter-houses.....	5
No. of defects found and abated	3

Dairies and Cowsheds.

No. of Cowsheds on Register	32
No. of Purveyors of Milk on Register.....	27
No. of visits	39

Four verbal notices were given and complied with.

Factories and Workshops.

Returns under Factories and Workshop Act, 1901.

Premises.	No. of Inspections.	No. of Written Notices.	No. of Prosecutions
Factories (including Factory Laundries).....	68	2	Nil
Workshops (including Workshop Laundries)....	61	2	Nil
Workplaces (other than outworkers premises) ...	4	1	Nil
Total.....	133	5	Nil

Defects found in Factories, Workshops & Workplaces.

Nuisances under the Public Health Acts.

	Found.	Remedied.	Referred to H.M. Inspector.	Prosecution.
Unsuitable or Defective Sanitary Accommodations	2	2	2	Nil
Other Nuisances	3	3	—	Nil
Total.....	5	5	2	Nil

Bakehouses.

Number on Register	8
Number of Defects found and abated	2

Offensive Trades.

Number on Register ..... 1 (Tripe Boiler)

There were no infringements.

Infectious Disease and Disinfection.

Four houses were disinfected with formaldehyde vapour and spray.

Scavenging Refuse.

Scavenging and removal of house refuse is carried out by the Sanitary Authority.

Ashpits emptied	2,528	Loads of Ashes tipped....	1,194
Ashbins emptied.....	11,064	Loads of Nightsoil tipped	135
Privy Pails emptied ...	201	Loads of Trade Refuse destroyed.....	118
Privy Tanks emptied..	175		

Closet Accommodation.

Number of Privy Middens.....	14
Number of Pail Closets	19
Number of Waste-water Closets	827
Number of Fresh-water Closets	223
Number of Open Ashpits	31
Number of Dry Ashpits	780
Portable Ash Receptacles	360
Number of Waste-water Closets converted to Fresh-water Closets.....	1

I am, Gentlemen,

Your obedient servant,

T. C. SLACK, M.R. San. Inst.

Barrowford Urban District Council.

Annual Report

of the

Surveyor

For the year ended 31st December, 1925.

To the Chairman and Members of the Barrowford Urban District Council.

Gentlemen,

I have the honour to present to you my Annual Report of the work of the Surveyor's Department.

Plans.

During the year the following Plans were approved :—

Plans relating to 12 Dwelling-houses.
1 Bank Premises.
1 Electricity Transformer House.
2 Motor Garages.
3 Store-houses.
4 Motor Garages (Temporary Buildings)
1 Sales Shop Ditto.
1 Store-house Ditto.
1 Petrol Pump Erection Ditto.

Plans relating to 26 Buildings, &c., were approved.

Fourteen houses were certified for habitation, and at the close of the year 8 houses were in course of construction.

Sewage Disposal Works.

Treatment is Biological.

Dry weather flow approximately 250,000 gallons per day.

The sewage treatment system includes screen and rakes, 6 small settling tanks, 6 large settling tanks, 1 dosing tank, 3 percolating filter beds (each 100 feet diameter), 2 humus tanks, and 2 storm overflow tanks. Anything over six times the dry weather flow is passed over lagoons before entering the river.

About 8 grains of Aluminoferric per gallon has been applied to the raw sewage to increase the precipitation of solids.

The sludge dealt with is partly by means of sludge pressing machinery and partly by drying on four lagoons. The dried sludge is handed over to farmers.

Results of samples of Effluent taken for Analysis on behalf of the Ribble Joint Committee. Results based on Albuminoid Ammonia Test only:

Date Sample taken	Classification	No. of Samples on List	Position on List
February 4th ...	Poor	66	44
March 4th	Bad	66	66
March 16th.....	Bad	58	47
April 20th	Poor	58	29
May 28th	Bad	67	56
June 15th	Bad	67	57
July 8th	Bad	67	66
August 17th	Bad	67	46
September 2nd ...	Bad	57	53
September 17th....	Bad	57	47
September 25th....	Bad	49	46
December 2nd ...	Bad	52	48

The samples are classified Good, Fair, Poor and Bad.

The Rainfall recorded at the Sewage Disposal works was:

	Inches.
January	3.46
February.....	8.80
March	3.18
April	3.21
May	3.62
June	0.25
July	2.04
August	4.37
September	3.31
October	5.14
November	3.34
December	4.74
	45.46 Total for year.

During the year the Ministry of Health sanctioned the borrowing of £1,500 representing excess expenditure on works for which loans amounting to £4,700 were sanctioned in June. 1922.

HIGHWAYS.

Class I. Main Rord.

Road A682.

Various areas of the Main Road were reconstructed by contract on behalf of the County Council.

Class II. Secondary Roads.

Road B6247.

About 3,830 super yards of Tarmacadam re-surfacing and 14,000 super yards of Tarvia and Tar Spraying were carried out on Colne Road and Wheatley Lane Road.

Road foundations were strengthened in various areas and general repairs were carried out.

Road B6249.

An area of 500 super yards of Tarmacadam has been put down and 4,500 super yards of Tar Spraying and general repairs were executed.

Unclassified Secondary Roads.

Road No. 105.

About 4,200 super yards of Tarco Spraying and various general repairs were completed.

District Roads and Streets.

Minor repairs and re-instatements have been attended to.

General.

During the year the County Council were requested to "Main" all the Secondary Roads in your District and the necessary forms of application furnishing the details required were submitted to the County Council. I understand the matter is receiving the careful consideration of the County Authority.

An application has also been forwarded to the Ministry of Transport requesting that Barnoldswick Road should be classified for grant-earning purposes.

However, the Ministry have declined to meet with this request at present.

Park.

The Unemployment Grants Committee allowed a generous grant towards the cost of carrying out certain improvements on the Park and this work was completed by June 30th last.

The lake has been cleansed, a retaining wall constructed around its banks, and an island (planted with shrubs, &c.), has been erected in the centre. The old goit was filled with sludge from the lake and a new pipe inlet was provided.

The foundation of a Bowling Green has been formed with the deposit from the lake which was used for levelling purposes during cleansing operations.

I am, Gentlemen,

Your obedient servant,

T. C. SLACK, M.I.M. & C.E., &c.

NUTTALL & CO. LIMITED.
KINGS MILL, BURNLEY.